

# MATERIAL SAFETY DATA SHEET

MSDS

DATE 07/26/99

MSDS # 522214

NEW [X]

REVISED [ ]

PURSELL INDUSTRIES, INC

P.O. Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS.

PURSELL 1-800-874-8892

CHEMTREC 1-800-424-9300

## SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Vigoro Winterizer 22-3-14

PRODUCT NUMBER: 522214

CHEMICAL NAME Polymer-coated Urea, Urea, Ammonium Sulfate, Diammonium Phosphate, and Muriate of Potash

NFPA RATING Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

## SECTION - II - INGREDIENT INFORMATION

ACTIVE INGREDIENT	CAS NUMBER	PCL	TLV	OTHER	% BYWEIGHT
Inert Ingredients	Mixture		10 mg/m <sup>3</sup>		100.00

## SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: 59 - 62 lbs/ft<sup>3</sup>

Vapor Pressure (mmHg): NA

Melting Point: NA

Vapor Density (Air =1): NA

Evaporation Rate(Butyl Acetate=1): NA

Solubility in Water: Fertilizer chemicals are water soluble. Polyurethane coating is water insoluble

Appearance and Odor: Beige, brown, white, yellow, and/or green fertilizer granules Fertilizer salt odor.

## SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NI

Flammable Limits

LEL: NI

UEL: NI

Extinguishing Media: Water spray, foam, dry chemical CO<sub>2</sub>, sand, or fine earth. Material is essentially non-flammable.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire.

Unusual Fire and Explosion Hazards: Burning product may produce irritating or poisonous gases. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

## SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases

Hazardous Decomposition or Byproducts: Thermal degradation may produce Cyanuric acid, ammonia, biuret, hydrogen cyanide, sulfur oxides, chlorine gas, and nitrogen oxides

Hazardous Polymerization: Will not occur

## SECTION - VI - HEALTH HAZARD DATA

### ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

SARA Hazard category: None

Route(s) of entry: Inhalation; Ingestion; Contact with skin

Eyes: May cause eye irritation. If eye contact occurs, flush eyes with running water for 15 minutes

Skin: May cause moderate irritation. Remove contaminated clothing. Wash with soap and water

Inhalation: May cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air

Ingestion: May cause headache, nausea, and vomiting. If ingested and the person is conscious give 1 or 2 glasses of water to drink and induce vomiting. Call a physician or the Poison Control Center @ (202) 625-3333

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory tract

Other Health Warnings: Call a physician if irritation persists. Wash hands with soap and water after handling

## SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool dry area. Keep out of reach of children and domestic animals. Store separately from food, feed, fertilizers, and pesticides so that cross contamination does not occur

Procedures in case of spill or release: If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA dust/mist approved respirator.

Waste Disposal Method: Apply as fertilizer if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws

Other Precautions: Do not use directly on water. Do not contaminate water supplies.

SECTION - VIII - CONTROL MEASURES
-----------------------------------

Ventilation Requirements: None required with normal use of this product.

PERSONAL PROTECTIVE EQUIPMENT
-------------------------------

Respiratory Protection: None required with normal use of this product

Protective Clothing: None required with normal use of this product Long sleeves and pants; chemical resistant gloves and shoes should be worn by those individuals with unusually sensitive skin

Eye Protection: Safety glasses with side shields or goggles are recommended

SECTION - IX - ADDITIONAL INFORMATION
---------------------------------------

This product contains a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill Keep animals away from large spills

SECTION - X- SARA TITLE III REQUIREMENTS
--

Section 302 Extremely Hazardous Substances: No

SARA Hazard Category None

Section 311/312 Hazardous Substances: No

Carcinogenic Compound(s)(IARC/NTP/OSHA/ACGIH) None

Section 313 Toxic Chemicals No

OTHER PRECAUTIONS AND COMMENTS
--------------------------------

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label

PURSELL INDUSTRIES, INC

NI=NONE INDICATED

NA=NOT APPLICABLE

Contact Customer Service

Telephone 1-800-874-8892

(256) 245-5282